AMENDMENTS TO THE CLAIMS

Claim 1 (Previously presented): A single chain antibody that specifically binds to a c-erbB2 receptor, wherein said antibody specifically binds to an epitope bound by F5 (SEQ ID NO:1) or C1 (SEQ ID NO:2), and further wherein said antibody is an internalizing antibody.

Claim 3 (Original): The antibody of claim 1, wherein said antibody comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 1 having conservative substitutions, and SEQ ID NO: 2 having conservative substitutions.

Claim 4 (Original): The antibody of claim 1, wherein said antibody shares at least 70% sequence identity with the amino acid sequence of SEQ ID NO: 1 or SEQ ID NO: 2 and wherein said antibody has a binding affinity for c-erbB2 on cells of at least 10 mM.

Claim 5 (Original): The antibody of claim 1, wherein the amino acid sequence of said antibody differs from the amino acid sequence of SEQ ID NO: 1 or SEQ ID NO: 2 by no more than 30 residues.

Claim 6 (Original): The antibody of claim 1, wherein said antibody comprises a complementarity determining region (CDR) of SEQ ID NO: 1.

Claim 7 (Original): The antibody of claim 1, wherein said antibody comprises a complementarity determining region (CDR) of SEQ ID NO: 2.

Claim 8 (Original): The antibody of claim 1, wherein said antibody comprises at least two complementarity determining region (CDRs) of SEQ ID NO: 1.

Claim 9 (Original): The antibody of claim 1, wherein said antibody comprises at least two complementarity determining regions (CDRs) of SEQ ID NO: 2.

Claim 10 (Original): The antibody of claim 1, wherein said antibody comprises at least two complementarity determining region (CDRs) selected from the group consisting of the complementarity determining regions of SEQ ID NO: 1, and complementarity determining regions of SEQ ID NO: 2.

Claim 11 (Original): The antibody of claim 1, wherein said antibody comprises at least three complementarity determining region (CDRs) selected from the group consisting of the complementarity determining regions of SEQ ID NO: 1, and complementarity determining regions of SEQ ID NO: 2.

Claim 12 (Original): The antibody of claim 11, wherein said antibody comprises three complementarity determining regions of the amino acid sequence of SEQ ID NO: 1.

Claim 13 (Original): The antibody of claim11, wherein said antibody [has] comprises three complementarity determining regions of the amino acid sequence of SEQ ID NO: 2.

Claim 14 (Previously presented): The antibody of claim 1, wherein said antibody comprises the amino acid sequence of SEQ ID NO: 1.

Claim 15 (Previously presented): The antibody of claim 1, wherein said antibody comprises the amino acid sequence of SEQ ID NO: 2.

Claims 16-22 (Canceled).

Claim 34 (Currently amended): A chimeric molecule that specifically binds a cell bearing a c-erbB-2, said chimeric molecule comprising an effector molecule attached to an antibody of ~~claims~~ claim 1 ~~or 16~~.

Claim 35 (Original): The chimeric molecule of claim 34, wherein said effector is selected from the group consisting of a cytotoxin, a label, a radionuclide, a drug, a liposome, a ligand, and an antibody.

Claim 36 (Original): The chimeric molecule of claim 34, wherein said chimeric molecule is a fusion protein.

Claim 37 (Original): The chimeric molecule of claim 34, wherein said cell is a cancer cell.

Claim 38 (Original): The chimeric molecule of claim 37, wherein said cancer cell is a breast cancer cell.

Claim 39 (Original): The chimeric molecule of claim 34, wherein said antibody shares at least 70% sequence identity with the amino acid sequence of SEQ ID NO: 1or SEQ ID NO: 2 and wherein said antibody has a binding affinity for c-erbB2 of at least 10 mM.

Claim 40 (Original): The chimeric molecule of claim 34, wherein the amino acid sequence of said antibody differs from the amino acid sequence of SEQ ID NO: 1 or SEQ ID NO: 2 by no more than 30 residues.

Claim 41 (Original): The chimeric molecule of claim 34, wherein said antibody comprises a complementarity determining region (CDR) of SEQ ID NO: 1.

Claim 42 (Original): The chimeric molecule of claim 34, wherein said antibody comprises a complementarity determining region (CDR) of SEQ ID NO: 2.

Claim 43 (Previously presented): The chimeric molecule of claim 34, wherein said antibody comprises the amino acid sequence of SEQ ID NO: 1.

Claim 44 (Previously presented): The chimeric molecule of claim 34, wherein said antibody comprises the amino acid sequence of SEQ ID NO: 2.

Claim 53 (Original): A composition comprising a pharmacological excipient and the antibody of claims 1 or 16

Claim 54 (Original): A composition comprising a pharmacological excipient and the chimeric molecule of claim 34.